

2025 - 2026

# PHI Connections - International STEM Challenges List

	Competition	Exam Date	Eligibility	Difficulty & Award Ratio	Advanced Camp
Math	Senior Mathematical Challenge (UKMT-SMC)	Oct. 10, 2025 (Fri.) 90 mins	At/Below G12 / Y13	★★★ / 66%	
	British Mathematical Olympiad (UKMT-BMO)	R1: Nov. 20, 2025 (Thu.) 210 mins R2: Jan. 22, 2026 (Thu.) 210 mins	R1: G10-12 / Y11-13 R2: R1 qualified students	★★★★ / 60% ★★★★★ / 50%	BMO Asia Camp
	Intermediate Mathematical Challenge (UKMT-IMC)	Jan. 29, 2026 (Thu.) 60 mins	At/Below G10 / Y11	★★★ / 50%	
	Cayley Mathematical Olympiad (UKMT-CMO)	Mar. 20, 2026 (Fri.) 120 mins	At/Below G8 / Y9	★★★★ / 65%	
	Hamilton Mathematical Olympiad (UKMT-HMO)	Mar. 20, 2026 (Fri.) 120 mins	G9 / Y10	★★★★ / 65%	
	Maclaurin Mathematical Olympiad (UKMT-MMO)	Mar. 20, 2026 (Fri.) 120 mins	G10 / Y11	★★★★ / 65%	
	Junior Mathematical Challenge (UKMT-JMC)	Apr. 30, 2026 (Thu.) 60 mins	At/Below G7 / Y8	★★★ / 65%	
	Junior Mathematical Olympiad (UKMT-JMO)	Jun. 10, 2026 (Wed.) 120 mins	At/Below G7 / Y8	★★★★ / 65%	
	Mathematical Olympiad for Girls (UKMT-MOG)	Sep. 26, 2025 (Fri.) 150 mins	G10-12 / Y11-13	★★★★ / 65%	
Physics	PhysicsBowl	Mar. 18, 2026 (Wed.) 45 mins	G10-12 / Y11-13	★★★★ / 55%	PhysicsBowl Asia Camp
	Junior Physics Challenge (JPC)	Nov. 23, 2025 (Sun.) 50 mins	G7-9 / Y8-10	★★★ / 50%	
	Intermediate & Senior Physics Challenge Online (IPC/SPC Online)	Jan. 31, 2026 (Sat.) 60 mins	IPC Online: G9-10 / Y10-11 SPC Online: G10-11 / Y11-12	★★★ / 50%	
	Intermediate & Senior Physics Challenge (IPC/SPC)	Mar. 6, 2026 (Fri.) 60 mins	IPC: G9-10 / Y10-11 SPC: G10-11 / Y11-12	★★★★ / 65%	
Chemistry	UK Chemistry Olympiad (UKChO)	Jan. 31, 2026 (Sat.) 120 mins	G10-12 / Y11-13	★★★★ / 65%	UKChO Asia Camp
	Canadian Chemistry Contest (CCC)	Apr. 23, 2026 (Thu.) 60 mins	G10-12 / Y11-13	★★★★ / 55%	
	Canadian Chemistry Olympiad (CCO)	Oct. 13, 2025 (Mon.) 120 mins	CCC qualified students	★★★★★ / 55%	
	International Chemistry Quiz (ICQ)	Aug. 8, 2025 (Fri.) 60 mins	G7-12 / Y8-13	★★★ / 60%	ICQ Asia Camp
	Cambridge Chemistry Challenge (C3L6)	Dec. 8, 2025 (Mon.) 90 mins	G9-11 / Y10-12	★★★★ / 65%	
Biology	USA Biolymriad (USABO)	Apr. 5 2026 (Sun.) 50 mins	G10-12 / Y11-13	★★★★ / 55%	
	British Biology Olympiad (BBO)	Jan. 18 2026 (Sun.) 90 mins	G10-12 / Y11-13	★★★★ / 65%	BBO Asia Camp
	Intermediate Biology Olympiad (iBO)	Nov. 9 2025 (Sun.) 60 mins	G10-11 / Y11-12	★★ / 60%	iBO Aisa Camp
	Biology Challenge (BC)	May 11, 2026 (Mon.) 50 mins	G7-9 / Y8-10	★★ / 65%	BC Aisa Camp
	International Neuroscience Olympiad (INO)	Open Round: Oct. 27, 2025 (Mon.) 60 mins Semifinal Round: Nov. 24, 2025 (Mon.) 120 mins (TBD) Final Round: TBD	G7-12 / Y8-13 (13-18 years old)		

Note: The Student Eligibility refers to the Grade "G" or Year "Y" that students are in the current semester. E.g. "Grade 12" / "Year 13".

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Math	- Mathematics -
	<b>1. UKMT Series</b> <ul style="list-style-type: none"> <li>The most popular mathematical challenges in UK</li> <li>Over 700,000 participants all over the world every year</li> <li>Bulk up the application for top universities</li> </ul>
Physics	- Physics -
	<b>1. Physicsbowl</b> <ul style="list-style-type: none"> <li>Hosted by the AAPT - the world's leading science community</li> <li>Over 500 schools from 11 countries compete and rank together</li> <li>Significantly enhance top university application</li> </ul>
	<b>2. BPhO Series</b> <ul style="list-style-type: none"> <li>The most competitive national physics Challenge in the UK</li> <li>Top UK and international students compete together for the top awards</li> <li>Beneficial for applying STEM majors in top universities</li> </ul>
Chemistry	- Chemistry -
	<b>1. UK Chemistry Olympiad (UKChO)</b> <ul style="list-style-type: none"> <li>The most prestigious chemistry competition for high school students in UK</li> <li>Administered by the Royal Society of Chemistry - one of the world's most influential chemistry organisations</li> <li>Special opportunity for international students to compete on the same problems as UK students</li> </ul>
	<b>2. Cambridge Chemistry Challenge (C3L6)</b> <ul style="list-style-type: none"> <li>Hosted by the Department of Chemistry and St. Catherine's College, University of Cambridge</li> <li>Highly recommended Super-curricular for high school students by University of Cambridge</li> <li>UKChO (UK Chemistry Olympiad) is the continuation competition of C3L6</li> <li>Over 10,000 students attending each year with over 60% winning rate</li> </ul>
	<b>3. Canadian Chemistry Contest &amp; Olympiad (CCC &amp; CCO)</b> <ul style="list-style-type: none"> <li>Hosted by the Chemical Institute of Canada (CIC)</li> <li>Stimulate competitors' enthusiasm for chemistry</li> <li>Gain advantages applying for STEM majors in top universities</li> </ul>
	<b>4. You Be The Chemist (YBTC-Qualifier Round)</b> <ul style="list-style-type: none"> <li>35-year long history, 60,000+ participants every year</li> <li>Sponsored by 100+ world leading chemical companies</li> <li>Suitable for primary and middle school students with no chemical background</li> <li>Encourage critical thinking and an interest in chemistry</li> </ul>
	<b>5. International Chemistry Quiz (ICQ)</b> <ul style="list-style-type: none"> <li>Founded in 1982 by the Royal Australian Chemical Institute</li> <li>Join over 100,000 students from 21 countries and regions</li> <li>Inspired students to pursue careers in Chemistry and STEM</li> </ul>
Biology	- Biology -
	<b>1. USA Biolympiad (USABO)</b> <ul style="list-style-type: none"> <li>More than 10,000 students participate every year</li> <li>Guides students to dive deeper into the world of biology</li> <li>Beneficial for applying to science majors in top universities</li> </ul>
	<b>2. UKBC Series</b> <ul style="list-style-type: none"> <li>Hosted by the UKBC - Independent Registered Charity</li> <li>Outstanding students will have the opportunity to attend top science programs</li> <li>Outstanding students will have an advantage when applying for top science universities</li> </ul>

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Economics	- Economics -
	<b>The International Economics Olympiad (IEO),</b> The Economics Olympiad was led by Vernon L. Smith, an American economist and the winner of the Nobel Prize in Economics in 2002 served as the chairperson of the academic committee. And it garners support both nationally and internationally from esteemed entities like the Ministries of Education, Greece Central Banks, Academic Institutions. The annual global finals are held at the birthplace of the Olympics - Olympia, Greece. The International Economics Olympiad has experienced remarkable growth since its inception, soaring from an initial 4,000 participants in 2017 to nearly 150,000 by 2024, making it the most influential and fastest-growing global academic event. Website: <a href="https://economicsolympiad.org">https://economicsolympiad.org</a>